



December 10, 2024

Michael W. McCracken

Senior Economic Policy Advisor

Joined the Bank August 2008

Education

1998 Ph.D. Economics, University of Wisconsin-Madison
1989 B.S. Mathematics, University of Kansas

Areas of Interest Econometrics, Forecasting, Macroeconomics

Previous Experience

2005-2008 Economist, Board of Governors of the Federal Reserve System
2001-2005 Assistant Professor, University of Missouri
1998-2001 Assistant Professor, Louisiana State University

Journal Publications

"Bootstrapping out-of-sample predictability tests with real-time data," with Silvia Goncalves and Yongxu Yao, FORTHCOMING: Journal of Econometrics

"Reconsidering the Fed's Inflation Forecasting Advantage," with Amy Guisinger and Michael T. Owyang, FORTHCOMING: Journal of Money, Credit, and Banking

"On the Real-Time Predictive Content of Financial Conditions Indices for Growth," with Aaron Amburgey, Journal of Applied Econometrics, March 2023, Vol. 38, No. 2, pp. 137-163. Publisher DOI: <https://onlinelibrary.wiley.com/doi/10.1002/jae.2943>

"Real-Time Forecasting and Scenario Analysis using a Large Mixed-Frequency Bayesian VAR," with Michael T. Owyang and Tatevik Sekhposyan, International Journal of Central Banking, December 2021, Vol. 17, No. 5, pp. 327-367. Publisher DOI: <https://www.ijcb.org/journal/ijcb21q5a8.htm>

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"Diverging Tests of Equal Predictive Ability," *Econometrica*, July 2020, Vol. 88, No. 4, pp. 1753-1754.

"Modeling Time-Varying Uncertainty of Multiple-Horizon Forecast Errors," with Todd E. Clark and Elmar Mertens, *Review of Economics and Statistics*, March 2020, Vol. 102, No. 1, pp. 17-33.

"Editorial: Central bank forecasting," with Domenico Giannone and George Kapetanios, *International Journal of Forecasting*, 2019, Vol. 35, No. 4, pp. 1561-1563.

"An Empirical Investigation of Direct and Iterated Multistep Conditional Forecasts," with Joseph McGillicuddy, *Journal of Applied Econometrics*, March 2019 Vol. 34, No. 2, pp. 181-204.

"Asymptotic Inference for Performance Fees and the Predictability of Asset Returns," with Giorgio Valente, *Journal of Business & Economic Statistics*, 2018, Vol. 36, No. 3, pp. 426-437.

"Tests of Equal Accuracy for Nested Models with Estimated Factors," with Silvia Goncalves and Benoit Perron, *Journal of Econometrics*, June 2017, Vol. 198, No. 2, pp. 231-252.

"Tests Of Predictive Ability for Vector Autoregressions Used for Conditional Forecasting," with Todd E. Clark, *Journal of Applied Econometrics*, April 2017, Vol. 32, No. 3, pp. 533-553.

"Multi-Step Ahead Forecasting of Vector Time Series," with Tucker McElroy, *Econometric Reviews*, May 2017, Vol. 36, No. 5, pp. 495-513.

"FRED-MD: A Monthly Database for Macroeconomic Research," with Serena Ng, *Journal of Business & Economic Statistics*, October 2016, Vol. 34, No. 4, pp. 574-589.

"Nested Forecast Model Comparisons: A New Approach to Testing Equal Accuracy," with Todd E. Clark, *Journal of Econometrics*, May 2015, Vol. 186, No. 1, pp. 160-177.

"Tests of Equal Forecast Accuracy for Overlapping Models," with Todd E. Clark, *Journal of Applied Econometrics*, April/May 2014, Vol. 29, No. 3, pp. 415-430.

"In-Sample Tests of Predictive Ability: A New Approach," with Todd E. Clark, *Journal of Econometrics*, September 2012, Vol. 170, No. 1, pp. 1-14.

"Reality Checks and Comparisons of Nested Predictive Models," with Todd E. Clark, *Journal of Business & Economic Statistics*, January 2012, Vol. 30, No. 1, pp. 53-66.

"Averaging Forecasts from VARs with Uncertain Instabilities," with Todd E. Clark, *Journal of Applied Econometrics*, January/February 2010, Vol. 25, No. 1, pp. 5-29.

"Combining Forecasts from Nested Models," with Todd E. Clark, *Oxford Bulletin of Economics and Statistics*, June 2009, Vol. 71, No. 3, pp. 303-329.

"Improving forecast accuracy by combining recursive and rolling forecasts," with Todd E. Clark, *International Economic Review*, May 2009, Vol. 50, No. 2, pp. 363-395.

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"Asymptotics for Out-of-Sample Tests of Granger Causality," *Journal of Econometrics*, October 2007, Vol. 140, No. 2, pp. 719-752.

"The Predictive Content of the Output Gap for Inflation: Resolving In-Sample and Out-of-Sample Evidence," with Todd E. Clark, *Journal of Money, Credit, and Banking*, August 2006, Vol. 38, No. 5, pp. 1127-1148.

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"Evaluating the Predictability of Exchange Rates using Long Horizon Regressions: Mind Your p's and q's!," with Stephen G. Sapp, *Journal of Money, Credit, and Banking*, June 2005, Vol. 37, No. 3, pp. 473-494.

"The Power of Tests of Predictive Ability in the Presence of Structural Breaks," with Todd E. Clark, *Journal of Econometrics*, January 2005, Vol. 124, No. 1, pp. 1-31.

"Parameter Estimation and Tests of Equal Forecast Accuracy Between Non-Nested Models," *International Journal of Forecasting*, July-September 2004, Vol. 20, No. 3, pp. 503-514.

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"Robust Out of Sample Inference," *Journal of Econometrics*, December 2000, Vol. 99, No. 2, pp. 195-223.

"Regression-Based Tests of Predictive Ability," with Kenneth D. West, *International Economic Review*, November 1998, Vol. 39, No. 4, pp. 817-40.

Working Papers

"Growth-at-Risk is Investment-at-Risk," with Aaron Amburgey, Federal Reserve Bank of St. Louis Working Paper 2023-020A, August 2023.

"Tests of Conditional Predictive Ability: Existence, Size, and Power," Federal Reserve Bank of St. Louis Working Paper 2020-050A, December 2020.

"Tests of Conditional Predictive Ability: Some Simulation Evidence," Federal Reserve Bank of St. Louis Working Paper 2019-011C, April 2019.

"Forecast Disagreement Among FOMC Members," with Chanont Banternghansa, Federal Reserve Bank of St. Louis Working Paper 2009-059A, December 2009

Articles in Federal Reserve Bank of St. Louis Publications

"FRED-QD: A Quarterly Database for Macroeconomic Research," *Federal Reserve Bank of St. Louis Review*, First Quarter 2021, Vol. 103, No. 1, pp. 1-44.

"A Macroeconomic News Index for Constructing Nowcasts of U.S. Real Gross Domestic Product Growth," *Federal Reserve Bank of St. Louis Review*, Fourth Quarter 2016, Vol. 98, No. 4, pp. 277-96.

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"Following the Fed with a News Tracker," Federal Reserve Bank of St. Louis Economic Synopses, 2012, No. 3.

"Initial Claims and Employment Growth: Are We at the Threshold?" Federal Reserve Bank of St. Louis Economic Synopses, 2011, No. 41.

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"Housing's Role in a Recovery," Federal Reserve Bank of St. Louis Economic Synopses, 2011, No. 6.

"Real-Time Forecast Averaging with ALFRED," Federal Reserve Bank of St. Louis Review, January/February 2011, Vol. 93, No. 1, pp. 49-66.

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Other

"Advances in Forecast Evaluation," with Todd E. Clark, Elsevier Handbook of Economic Forecasting, September 2013, Vol. 2B, pp. 1107-1202.

"Comment on 'Taylor Rule Exchange Rate Forecasting During the Financial Crisis'," NBER International Seminar on Macroeconomics, July 2013, Vol. 9, pp. 98-105.

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"Testing for Unconditional Predictive Ability," with Todd E. Clark, Oxford Handbook on Economic Forecasting, July 2011, pp. 415-440.

"Forecasting with Small Macroeconomic VARs in the Presence of Instabilities," with Todd E. Clark, in D.E. Rapach and M.E. Wohar, ed., Frontiers of economics and globalization: forecasting in the presence of structural breaks and model uncertainty, Amsterdam, 2008, pp. 93-147

"Pairwise Tests of Equal Forecast Accuracy," Quantile, 2006, Vol. 1, pp. 53-62. International Library of Critical Writings in Econometrics: Recent Developments in Time Series, with Todd E. Clark, 2003

"Economic Communication in the 'Lost Decade': News Coverage and the Japanese Recession," with S. Saito and H.D. Wu, *Gazette - The International Journal for Communication Studies*, April 2004, Vol. 66, No. 2, pp. 133-149.

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